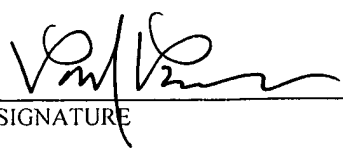


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| SUBSTITUTE FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE   |  | ATTORNEY'S DOCKET NUMBER<br><br>17638-003US1   |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><div style="font-size: 1.5em; font-weight: bold; text-align: center;">10/501759</div> |
| INTERNATIONAL APPLICATION NO.<br>PCT/GB03/00169  | INTERNATIONAL FILING DATE<br>15 January 2003 | PRIORITY DATE CLAIMED<br>18 January 2002   |
| TITLE OF INVENTION<br>FUEL CELL OXYGEN REMOVAL AND PRE-CONDITIONING SYSTEM   |  |  |
| APPLICANT(S) FOR DO/EO/US<br>Philip J. Mitchell and Paul L. Adcock   |  |  |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input type="checkbox"/> Other items or information:</li> </ol> |  |  |
| <div style="display: flex; justify-content: space-between;"> <div> <b>CERTIFICATE OF MAILING BY EXPRESS MAIL</b><br/>           Express Mail Label No. EV382036651US<br/>           Date of Deposit: July 16, 2004         </div> </div>   |  |  |

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/501759</b>  |              | INTERNATIONAL APPLICATION NO.<br>PCT/GB03/00169 |  | ATTORNEY'S DOCKET NUMBER<br>17638-003US1 |    |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><br><b>Basic National Fee ( 37 CFR 1.492 (a) (1) - (5)):</b><br><br>Neither international preliminary examination fee (37 CFR 1.482)<br>nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO<br>and International Search Report not prepared by the EPO or JPO..... <b>\$1080</b><br><br>International preliminary examination fee (37 CFR 1.482) not paid to<br>USPTO but International Search Report prepared by the EPO or JPO..... <b>\$920</b><br><br>International preliminary examination fee (37 CFR 1.482) not paid to USPTO<br>but international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... <b>\$770</b><br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... <b>\$730</b><br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100</b><br><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> |              |   |  | <b>CALCULATIONS PTO USE ONLY</b>         |    |
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|  |              |   |  |  |    |
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| Surcharge of <b>\$130</b> for furnishing the oath or declaration later than 30 months<br>from the earliest claimed priority date (37 CFR 1.492(e)).  |              |   |  | <b>\$0.00</b>                            |    |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA                                    | RATE   |  |    |
| Total Claims   | 48 - 20 =    | 28  | x \$18   | \$504.00                                 |    |
| Independent Claims   | 7 - 3 =      | 4   | x \$86   | \$344.00                                 |    |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable)   |              |   | + \$290  | \$0.00                                   |    |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |   |  | <b>\$1,768.00</b>                        |    |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |   |  | \$0.00                                   |    |
| <b>SUBTOTAL =</b>  |              |   |  | <b>\$1,768.00</b>                        |    |
| Processing fee of <b>\$130</b> for furnishing the English Translation later than 30 months<br>from the earliest claimed priority date (37 CFR 1.492(f)).   |              |   |  | \$0.00                                   |    |
| <b>TOTAL NATIONAL FEE =</b>  |              |   |  | <b>\$1,768.00</b>                        |    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +   |              |   |  | \$0.00                                   |    |
| <b>TOTAL FEES ENCLOSED =</b>   |              |   |  | <b>\$1,768.00</b>                        |    |
|  |              |   |  | Amount to be<br>refunded:                | \$ |
|  |              |   |  | charged:                                 | \$ |
| a. <input checked="" type="checkbox"/> <b>A</b> check in the amount of \$1,768.00 to cover the above fees is enclosed.<br><br>b. <input type="checkbox"/> Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees.<br>A duplicate copy of this sheet is enclosed.<br><br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any<br>overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.<br><br><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a)<br/>         or (b) must be filed and granted to restore the application to pending status.</b><br><br>SEND ALL CORRESPONDENCE TO:   |              |   |  |  |    |
| PTO Customer No: 26161   |              |   | <br>SIGNATURE<br>NAME<br>Paul A. Pysher<br>40,780<br>REGISTRATION NUMBER |  |    |